ABSTRACT OF THE DISCLOSURE

Systems and methods consistent with the present invention provide an event logging system that collects events from monitored programs in a distributed system. To this end, the event logging system includes an event collection card for

5   each computer in the distributed system. Computers in the distributed system may or may not be interconnected, other than through the functions of their associated event collection cards. Each event collection card collects events from all of the monitored programs running on target processors in the computer corresponding to that card. Thus, all target processors located on the same computer send events to

10   the same event collection card. The event logging system synchronizes the clocks of each event collection card with one another. In this way, each of the event collection cards can accurately time stamp events relative to one another. In addition, the event logging system also allows target processors to write events to the event collection cards using low data overhead. Finally, the event logging

15   system also operates at high speed, allowing parallel processing of event collecting and event formatting.